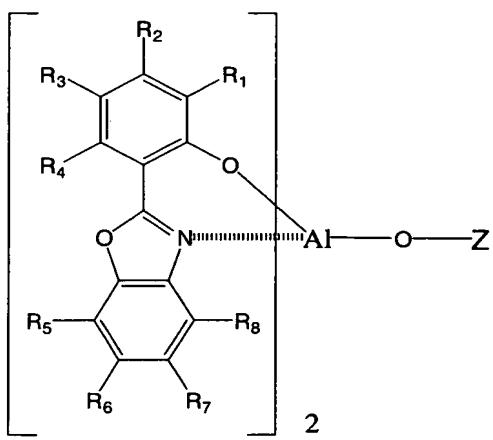


CLAIMS

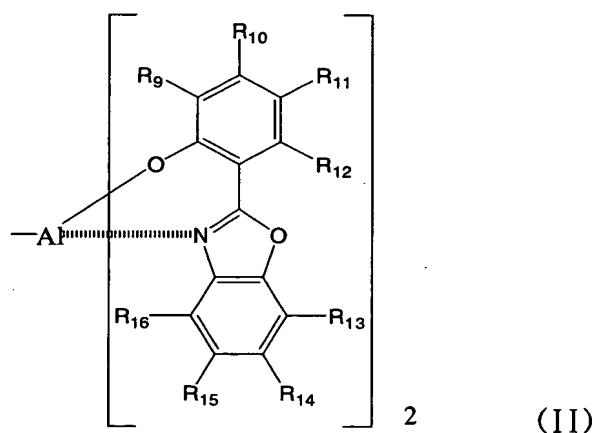
1. An organic electroluminescent device, comprising:
 - organic compound thin film layers including a luminescent layer, the organic compound thin film layers being formed between a pair of electrodes;
 - a hole-transporting layer disposed between the luminescent layer and an anode; and
 - an electron-transporting layer disposed between the luminescent layer and a cathode,

the organic electroluminescent device having no hole-blocking layer between the electron-transporting layer and the luminescent layer,

the organic electroluminescent device being characterized in that the luminescent layer contains a compound represented by the following general formula (I) as a host material and an organometal complex containing at least one metal selected from the group consisting of ruthenium, rhodium, palladium, silver, rhenium, osmium, iridium, platinum, and gold as a guest material:

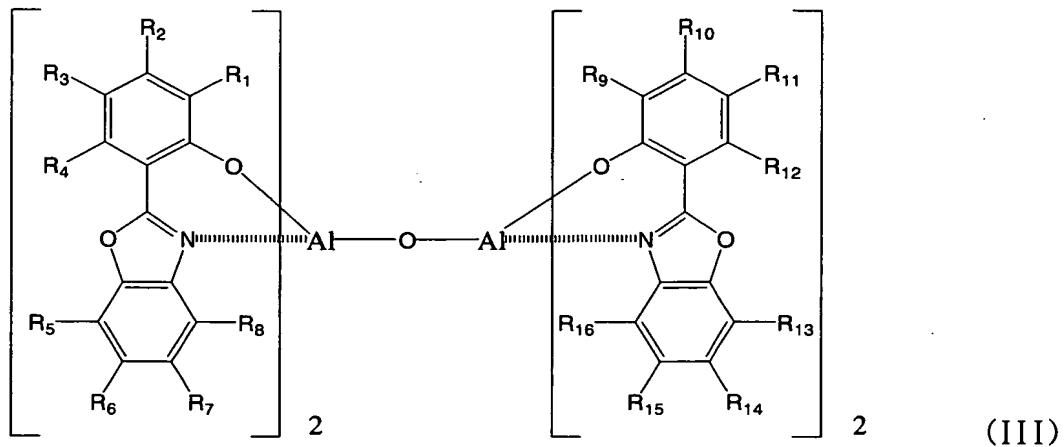


where R₁ to R₈ each independently represent hydrogen atom, alkyl group, aralkyl group, alkenyl group, cyano group, amino group, amide group, Ikoxycarbonyl group, carboxyl group, alkoxy group, or aromatic group which may have a substituent, and Z represents a hydrocarbon group which may have a substituent, aromatic heterocyclic group, triarylsilyl group, or group represented by the following formula (II):



where R₉ to R₁₆ each independently represent hydrogen atom, alkyl group, aralkyl group, alkenyl group, cyano group, amino group, amide group, alkoxycarbonyl group, carboxyl group, alkoxy group, or aromatic group which may have a substituent.

2. An organic electroluminescent device according to claim 1, characterized in that the luminescent layer contains a compound represented by the following general formula (III) as a host material:



where R₁ to R₁₆ each have the same meaning as that of each of the formulae (I) and (II).

3. An organic electroluminescent device according to claim 1 or 2, wherein the guest material comprises tris(2-phenylpyridine)iridium complex capable of emitting green phosphorescence.